# Kawasaki, PORTABLE JIGSAW INSTRUCTION MANUAL



THIS MANUAL CONTAINS IMPORTANT INFORMATION REGARDING SAFETY, OPERATION, MAINTENANCE AND STORAGE OF THIS PRODUCT. BEFORE USE, READ CAREFULLY AND UNDERSTAND ALL CAUTIONS, WARNINGS, INSTRUCTIONS AND PRODUCT LABELS. FAILURE TO DO SO COULD RESULT IN SERIOUS PERSONAL INJURY AND/OR PROPERTY DAMAGE.

IF YOU SHOULD HAVE ANY QUESTIONS OR EXPERIENCE A PROBLEM WITH YOUR ALLTRADE PRODUCT, DO NOT RETURN THIS PRODUCT TO THE STORE. PLEASE CALL OUR CUSTOMER SERVICE DEPARTMENT AT **1-800-590-3723**. BEFORE YOU CALL, HAVE THE FOLLOWING INFORMATION AVAILABLE: MODEL No., DATE PURCHASED AND STORE LOCATION. AN ALLTRADE REPRESENTATIVE CAN RESOLVE YOUR PROBLEM OVER THE PHONE. IF YOU WOULD LIKE TO MAKE A SUGGESTION OR COMMENT, GIVE US A CALL OR EMAIL US AT: INFO@ALLTRADETOOLS.COM. YOUR FEEDBACK IS VITAL TO US.

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#### CONGRATULATIONS!

Thanks for choosing this product. At Alltrade, our aim is to provide you with quality products at an affordable price, and we want you to be totally satisfied with your product and our Customer Service. If any help and advice is needed, please contact us at 1-800-590-3723. Properly cared for, this tool will give you many years of satisfaction.

## **INTENDED USE**

This tool is intended for consumer use only. This tool is not designed for professional use. The power cord should only be used in approved electrical outlets as described in this manual.

## **RECOGNIZE SAFETY SYMBOLS, WORDS AND LABELS**

The safety instructions provided in this manual are not intended to cover all possible conditions and practices that may occur when operating, maintaining and cleaning power tools.

Always use common sense and pay particular attention to all the **DANGER**, **WARNING**, **CAUTION** and **NOTE** statements of this manual.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

**A** DANGER

**!DANGER** indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

**▲** WARNING

**!WARNING** indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

**▲** CAUTION

**!CAUTION** indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION

**CAUTION** used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

NOTE

**NOTE** provides additional information that is useful for proper use and maintenance of this tool. If a NOTE is indicated make sure it is fully understood.

### **IMPORTANT SAFEGUARDS**

# **A** DANGER

People with electronic devices, such as pacemakers, should consult their physician(s) before using this product. Operation of electrical equipment in close proximity to a heart pacemaker could cause interference or failure of the pacemaker.

**WARNING:** Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks and cement and other masonry products, and arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

**WARNING:** Handling the power cord on this product may expose you to lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. *Wash hands after handling.* 

## GENERAL SAFETY RULES – FOR ALL ELECTRIC POWER TOOLS

**A WARNING**READ AND UNDERSTAND ALL INSTRUCTIONS. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

#### WORK AREA

**Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.

Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.

**Keep bystanders, children and visitors away while operating a power tool.** Distractions can cause you to lose control.

#### **ELECTRICAL SAFETY**

Double insulated tools are equipped with a polarized plug (one blade is wider than the other.) This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a polarized outlet. Do not change the plug in any way. Double insulation eliminates the need for the three wire grounded power cord and grounded power supply system.

Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is grounded.

**Don't expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.

Do not abuse the cord. Never use the cord to carry the tool or pull the plug from an outlet. Keep the cord away from heat, oil, sharp edges, or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.

When operating the tool outside, use an outdoor extension cord marked "W-A" or "W." These cords are rated for outdoor use and reduce the risk of electric shock.

### PERSONAL SAFETY

Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.

**Avoid accidental starting. Be sure switch is off before plugging in**. Carrying tools with your finger on the switch or plugging in tools that have the switch on invites accidents.

Remove adjusting keys or wrenches before turning the power tool "ON". A wrench or a key that is left attached to a rotating part of the power tool may result in personal injury.

**Do not overreach. Keep proper footing and balance at all times.** Proper footing and balance enables better control of the power tool in unexpected situations.

**Use safety equipment. Always wear eye protection.** Dust mask, non-skid safety shoes, hard hat or hearing protection must be used for appropriate conditions.

## **TOOL USE AND CARE**

Use clamps or other practical ways to secure and support the workpiece to a stable platform. Holding the work by hand or against your body is unstable and may lead to loss of control.

**Do not force tool. Use the correct tool for your application.** The correct tool will do the job better and safer at the rate for which it is designed.

**Do not use the tool if the power switch does not turn it "ON" or "OFF".** Any tool that cannot be controlled with the switch is dangerous and must be repaired.

Disconnect the power cord plug from the power source before making any adjustments, changing accessories or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.

**Store idle tools out of reach of children and other untrained persons.** Tools are dangerous in the hands of untrained users.

**Maintain tools with care. Keep cutting tools sharp and clean.** Properly maintained tools with a sharp cutting edge are less likely to bind and are easier to control.

Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation. If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools.

**Use only accessories that are recommended by the manufacturer for your model.** Accessories that may be suitable for one tool may create a risk of injury when used on another tool.

### SERVICE

**Tool service must be performed only by qualified repair personnel.** Service or maintenance by unqualified personnel may result in a risk of injury.

When servicing a tool, use only identical replacement parts. Follow instructions in the Maintenance section of this manual. Use of unauthorized parts or failure to follow Maintenance Instructions could create a risk of shock or injury.

#### SPECIFIC SAFETY RULES AND/OR SYMBOLS

Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring. Contact with a "live" wire will also make exposed metal parts of the tool "live" and shock the operator.

### **IMPORTANT SAFETY RULES FOR JIGSAWS**

# **▲** WARNING

Always wear safety goggles or other approved eye protection when using this tool. Always use an appropriate dust mask or respirator during operations where dust can be generated. To reduce exposure to these chemicals always work in a well ventilated area. Use approved safety equipment and dust masks that are specially manufactured to filter out microscopic particles.

Hold the Jigsaw by the insulated gripping surfaces when performing an operation where the blade may contact hidden wiring or the tool power cord. Contact with a "live" electrical wire will make exposed metal parts of the jigsaw "hot" and create a potential for electrical shock to the operator. Do not cut into existing walls or other blind areas where existing electrical wires may be present. If this situation is necessary, remove all fuses and/or turn all circuit breakers off in the work area. After cuts have been completed in the blind areas, inspect to ensure that no electrical wire was cut or nicked before reinstalling fuses and/or engaging circuit breakers.

Never leave the jigsaw with the trigger left in the locked "ON" position. Before plugging in the jigsaw, inspect to make sure the trigger lock is in the "OFF" position. Accidentally plugging the jigsaw in with the trigger lock engaged can result in premature starting of the tool, which can cause damage to the tool and/or serious injury to the operator.

Keep hands away from the cutting area. Do not reach under material being cut while the jigsaw is running. Serious injury could occur. Always turn the jigsaw "OFF" before inspecting the cutting area.

**Do not use dull or damaged blades with the jigsaw.** Bent or damaged blades can break or cause a kickback resulting in serious injury to the operator. Dull blades will cause the jigsaw to perform improperly and may damage the tool.

**Before starting to cut with the jigsaw, turn it "ON" and allow the blade to come to full speed.** The jigsaw can chatter or vibrate if the blade speed is too slow at the start of the cut. This can cause the jigsaw to kickback and damage the work area or cause injury.

Always secure working material before attempting to make a cut with the jigsaw. Never hold the material with your free hand or across your legs. Small or thin material may flex or vibrate causing loss of control and possible injury.

**Make sure all adjusting screws on the jigsaw are firmly tightened.** Failure to tighten the adjustment screws can cause the blade to disengage from its holder possibly damaging the jigsaw or causing injury to the operator.

When removing the blade or other accessories from the jigsaw, avoid contact with the skin. Always wear protective gloves when handling the jigsaw or any accessory. The blade can become hot after prolonged use and will cause burns.

## **SYMBOLS**

**IMPORTANT:** Some of the following symbols may be used on your tool. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the tool better and safer.

SYMBOL	NAME	EXPLANATION	
V	Volts	Voltage (Potential)	
A	Amperes	Current	
Hz	Hertz	Frequency (Cycles per Second)	
W	Watt	Power	
Kg	Kilograms	Weight	
$\sim$	Alternating Current	Type of Current	
	Direct Current	Type of Current	
$\sim$	Alternating or Direct Current	Type of Current	
<b>(a)</b>	Earthing Terminal	Grounding Terminal	
	Class II Construction	Denotes Double Insulation	
min	Minutes	Time	
S	Seconds	Time	
ф	Diameter	Size of Drill Bits,	
		Grinding Wheels, etc.	
$n_0$	No load speed	No-load Rotational Speed	
/min Revolutions per Minute		Revolutions, Surface Speed,	
		Strokes, etc. per Minute	
1,2,3,	Ring Selector Settings	Speed, Torque or Position Settings	

### **FUNCTIONAL DESCRIPTION**

**WARNING** Disconnect the power plug from the AC power source before any assembly, adjustments, or adding/removing accessories. Following this preventative step reduces the risk of the saw coming on accidentally and the risk of damage to the workpiece and injury to the operator.

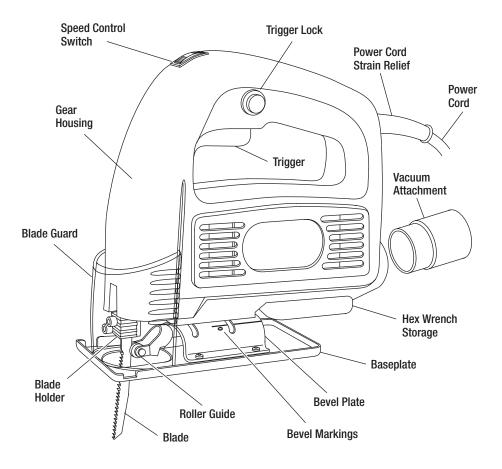


FIGURE 1.
JIGSAW COMPONENTS

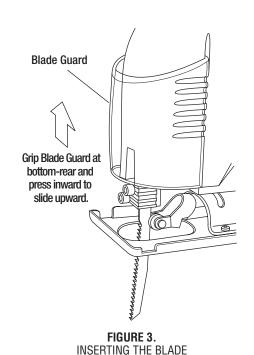
**Note:** For tool specifications, refer to the nameplate on the jigsaw.

#### ASSEMBLY

**A WARNING** Disconnect plug from AC power source before assembling parts, making adjustments, or changing blades. Failure to remove electrical power could cause accidental starting of the jigsaw resulting in serious injury to the operator and/or damage to the tool.

### ATTACHING THE BLADE

- Firmly grip the plastic blade guard and slide it up to expose the blade clamp.
- 2. Using a hex wrench (provided in a slot beneath the motor), loosen the two hex socket-head screws on the blade clamp until it slides forward enough to open a slot for the blade.
- 3. Insert the blade into the blade clamp with the cutting edge facing to the front of the jigsaw.



INTO THE BLADE CLAMP

Hex Wrench

Hex Socket-head Screws

Blade

Roller Guide

FIGURE 2.

MOVING THE CLEAR PLASTIC BLADE
GUARD TO LOOSEN THE BLADE CLAMP

- 4. Using a hex wrench, securely tighten the two hex socket-head screws on the blade clamp.
- Using a hex wrench, loosen the two hex socket-head screws holding the bottom board and the guide roller on the saw housing.
- 6. Slide the guide roller forward until the back of the blade fits loosely in the center groove. Using a hex wrench, securely tighten the two hex sockethead screws holding the guide roller and bottom board to the saw housing.

#### JIGSAW OPERATION

### **ADJUSTING SPEED**

The operating speed of the jigsaw can be varied by using the Speed Control Switch located on the top of the jigsaw. Turn the speed control from 0 to 6 to set the speed. On most cuts, such as wood and metal, the faster speed works best. On other materials, such as plastic or laminants, a slower speed might be necessary to reduce vibration and make smoother cuts.

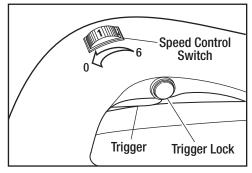


FIGURE 4.
ADJUSTING THE SPEED CONTROL SWITCH

## TRIGGER "ON-OFF" SWITCH

Plug the jigsaw into an approved 115 V AC outlet. This tool is double insulated and equipped with a polarized plug (one blade is wider than the other). Double insulation eliminates the need for a special three-wire grounded power supply. Holding the jigsaw by the insulated handle, squeeze the trigger to turn the jigsaw **ON** and release the trigger to turn the jigsaw **OFF**. Allow the blade to reach the maximum set speed before bringing it in contact with the workpiece.

#### **CUTTING TIPS**

Place the finish side of the workpiece down and clamp it to a workbench or table. Draw cutting lines on the back side. Place the front edge of the saw baseplate on the workpiece and line up the blade with the line to be cut. Press the jigsaw down firmly on the workpiece and cut slowly along the guidelines. Build up cutting speed as you progress. If you want to leave room for finish sanding, cut slightly to the outside of the drawn guidelines.

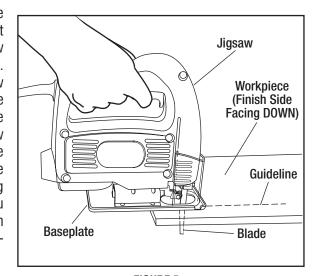


FIGURE 5.
MAKING THE INITIAL CUT

**CAUTION**Do not force the jigsaw into the workpiece. This could cause the blade teeth to wear down with-out cutting or even cause the blade to break causing damage to the jigsaw or injury to the operator. Let the saw reach full speed before engaging the workpiece.

## **CUTTING WITH A STRAIGHTEDGE**

Whenever possible, use a coarse cutting blade. Fine-tooth blades prevent the cuts from being made smoothly and risk the possibility of the blade wearing out prematurely or even breaking.

Clamp a rigid straightedge onto the workpiece leaving enough room for the jigsaw baseplate to slide along beside it while lining up the center of the blade with the drawn cut lines. This can best be done by taking a measurement from the blade to the outside edge of the baseplate and making several marks the same distance along the cutline so the straightedge can be clamped parallel to the cutline.

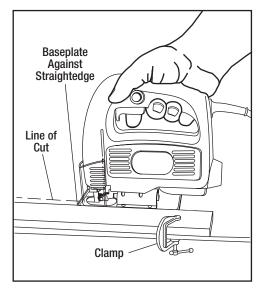


FIGURE 5.
CUTTING WITH A STRAIGHTEDGE

#### PLUNGE CUTTING

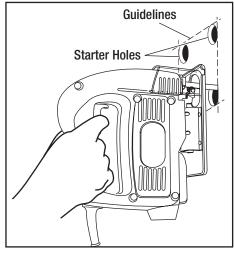


FIGURE 6.
PLUNGE CUTTING

Plunge cutting is useful when it is necessary to make cutouts inside the workpiece. First, draw lines where the cut is to be made. Drill guide holes in the four corners. Turn on the jigsaw and insert the blade into one of the starter holes. Move the jigsaw along the cutlines until rough cut is finished. If the cutout needs square corners, use the jigsaw to finish cutting the corners after the cutout is done.

### METAL CUTTING

Metal cutting requires a different type blade than the ones used on other materials. **Do not** try and cut metal workpieces with a regular jigsaw blade. Refer to the **Assembly Instructions** for changing the blade. When cutting metal, clamp the material down securely. Grasp the jigsaw firmly and push the blade slowly into the metal. Use slower speeds and lubricate the blade with cutting wax, if available, or kerosene or cutting oil. When cutting thin metal, sandwich it between pieces of thin wood.

When cutting aluminum conduit or angle iron, securely clamp it in a vise and cut as close to the vise jaws as possible. When cutting tubing with a larger diameter than the blade depth, cut through the wall of the tube, insert the blade into the cut and rotate it toward the front edge of the saw.

#### BEVEL OR ANGLE CUTTING

The jigsaw baseplate can be tilted from 0° to 45° for making bevel or angled cuts.

- Make sure the trigger is fully released and not in the locked-on position.
   Unplug the power cord from the AC power source.
- 2. Turn the jigsaw over so the baseplate faces up. Using the 3 mm hexwrench, loosen the two hex socket -head screws attaching the baseplate.
- 3. Rotate the baseplate to the desired angle. There markings for 0° and 45°. If another angle is desired, line up the baseplate to a protractor using the iigsaw blade as reference.
- 4. When the proper angle is obtained, securely tighten the two hex sockethead screws with the hexwrench.
  Make sure the roller guide is placed back against the blade.

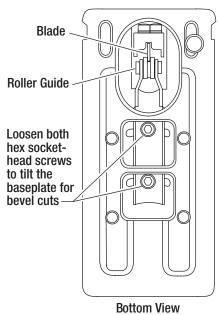


FIGURE 7.
BEVEL CUTTING

# **MAINTENANCE AND CLEANING**

**WARNING** CLEANING: To avoid accidents, be sure to disconnect the tool from the electrical power source before any cleaning or maintenance. The tool can be cleaned by using compressed dry air. If compressed air is not available, a soft natural bristle paint brush will work. Always wear safety goggles when cleaning tools with compressed air.

**CAUTION**Avoid using certain cleaning agents and solvents.
Chemicals like gasoline, carbon tetrachloride, acetone, paint thinner or ammonia products can damage the plastic parts of the tool.

#### **ACCESSORIES**

**Use only accessories that are recommended by the manufacturer for your model.** Accessories that may be suitable for one tool may become hazardous when used on another tool.

Always attach grounded (3-prong) extension cords to grounded (3-hole) outlets.

If you must use an extension cord, be sure that the gauge is large enough to carry the amount of current necessary for your power tool. If not, your tool may experience a loss of power, excessive voltage drop or overheating. The smaller the gauge number, the heavier the cord (see table below).

#### RECOMMENDED SIZES OF EXTENSION CORDS 120 VOLT AC 60 HZ TOOLS

TOOL CURRENT RATING	CONDUCTOR SIZE IN A.W.G			
AMPERE	10FT.	25FT.	50FT.	100FT.
3-6	18	18	18	18
6-8	18	18	18	16
8-10	18	18	18	14
10-12	16	16	14	14
12-16	14	12	12	-
16-20	12	12	12	-

## **SPECIFICATIONS**

SPECIFICATIONS			
Voltage	120V $\sim$ 60 Hz		
Rated Current	3.5A		
Strokes per minute	500-3000/min		
Max. Cutting Thickness	Wood 55mm Steel 6mm		

## OTHER CONSUMER DO-IT-YOURSELF (DIY) TOOLS

Alltrade offers a full range of Kawasaki<sup>™</sup> tools that make DIY jobs easy. If you would like further information on the following products, please contact Alltrade Customer Service Department at 1-800-590-3723.

Cordless Drills/Screwdrivers

**Impact Wrenches** 

Sanders

**Jigsaws** 

Circular Saws

**Angle Grinders** 

**Reciprocating Saws** 

Routers

**Rotary Tools** 

Corded and Cordless Multi-Purpose Tools

Wide Range of Accessories and more

### 2 YEAR LIMITED HOME USE WARRANTY

Express and Exclusive Limited Home Use Warranty to Original Retail Buyer

Alltrade Tools LLC (hereinafter "Alltrade") expressly warrants to the original retail purchaser of the accompanying KAWASAKI<sup>TM</sup> portable power tool and no one else all parts of the product (except those parts referred to below which are specifically excluded from such warranty (see Exclusions)) to be free from defects in materials and workmanship for a period of two years from original date of purchase.

SPECIAL WARRANTY NOTE TO CONTRACTORS AND COMMERCIAL USERS: This Kawasaki™ portable power tool is offered as a home use tool and carries a HOME USE WARRANTY. This tool is made for home use in the execution of projects and repairs in and around the home. Use of the tool for COMMERCIAL PURPOSES OR ON A JOBSITE is not covered under this warranty.

The date of purchase shall be the date of shipment to the original purchaser, or the date the original purchaser took possession, custody or control of the product, whichever occurred first. This warranty shall be null and void if the product or any component thereof is modified, altered or used for any commercial purpose or on a jobsite. This warranty does not apply to any other product and/or component thereof manufactured or distributed by Alltrade, and does not apply to products and/or components thereof designed, manufactured and/or assembled by others, for which Alltrade makes no warranties whatsoever. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

## **Warranty Performance**

By purchasing the product, purchaser expressly acknowledges and agrees that their sole and exclusive remedy under this warranty shall be strictly limited to the repair or replacement of any covered nonconforming items or parts thereof provided that any such nonconforming item and/or part is promptly returned to Alltrade's facility postage pre-paid and insured (address: ALLTRADE Warranty Claims & Repair, 1431 Via Plata, Long Beach, CA 90810, Attn: Customer Service #310-522-9008) within the applicable warranty period, with a written request by purchaser that Alltrade repair and/or replace the nonconforming item and/or part. We recommend that you keep the original product packaging in the event you need to ship the unit. We suggest the package be insured against loss or in transit damage. When sending your product include your name, address, phone number, dated proof of purchase (or copy), and a statement about the nature of problem. Warranty coverage is conditioned upon purchaser furnishing Alltrade with adequate written proof that they are the original purchaser and of the original purchase date. Parts returned, freight prepaid and insured, to Alltrade's facility (see above address) will be inspected and, at Alltrade's option, repaired and/or replaced free of charge if found to be defective and subject to warranty. Alltrade retains the sole discretion to determine whether any item or part is nonconforming and, if so, whether the item and/or part will be repaired and/or replaced. If the unit is repaired, new or reconditioned replacement parts may be used. If Alltrade chooses to replace the product, it may replace it with a new or reconditioned one of the same or comparable design. The repaired or replaced unit will be warranted under the terms of the remainder of the warranty period. Typically, a defective product that is returned within the first 30 days after the purchase date will be replaced; for items returned after the first 30 days and within the warranty period, covered defective parts not subject to normal wear and tear or other exclusions will be repaired or replaced, at Alltrade's option. During the warranty period, Alltrade will be responsible for the return shipping charges. Alltrade's repair and/or replacement of any nonconforming item and/or part thereof shall constitute fulfillment of all obligations to the purchaser. Alltrade shall not be responsible or liable for any expense, including freight charges, or repairs made outside Alltrade's facility, unless expressly agreed to by Alltrade in writing. Under no circumstances shall Alltrade bear any responsibility for loss of the unit, loss of time or rental, inconvenience, commercial loss or consequential damages.

#### **Exclusions**

This warranty does not cover parts damaged due to normal wear, abnormal conditions, misapplication, misuse, abuse, accidents, operation at other than recommended pressures or temperatures, improper storage or freight damage. Parts damaged or worn by operation in dusty environments are not warranted. Failure to follow recommended operating and maintenance procedures also voids warranty.

This limited warranty does not apply to accessory items such as drill bits, screwdriving bits, circular saw blades, jigsaw blades, grinding wheels, sanding sheets and other related items.

DAMAGE TO THE PRODUCT RESULTING FROM TAMPERING, ACCIDENT, ABUSE, NEGLIGENCE, FAILURE TO FOLLOW INSTRUCTIONS, UNAUTHORIZED REPAIRS OR ALTERATIONS, DAMAGE WHILE IN TRANSIT TO OUR SERVICE FACILITY, USE OF UNAPPROVED OR IMPROPER ATTACHMENTS OR ACCESSORIES, COMMERCIAL AND RENTAL APPLICATIONS OR OTHER CAUSES UNRELATED TO PROBLEMS WITH MATERIAL OR WORKMANSHIP ARE NOT COVERED BY THIS WARRANTY.

Alltrade will not be liable for the following: labor charges, loss or damage resulting from improper operation, maintenance or repairs made by other persons; pre-delivery services such as assembly, oil or lubricants, and adjustment; maintenance services that are normally required to maintain the product.

The use of other than genuine Alltrade Repair Parts will void warranty.

## **Warranty Disclaimers**

EXCLUSION AND DISCLAIMER OF ALL OTHER EXPRESS WARRANTIES, GUARANTIES AND/OR REPRESENTATIONS. EXCEPT FOR THE LIMITED WARRANTY PROVIDED ABOVE, ALL OTHER EXPRESS WARRANTIES, GUARANTIES AND/OR REPRESENTATIONS BY ALLTRADE AND/OR ITS REPRESENTATIVE(S) REGARDING THE DESIGN, MANUFACTURE, PURCHASE, USE AND/OR OPERATION OF THE PRODUCT OR ANY COMPONENT THEREOF SOLD HEREUNDER, REGARDLESS OF WHETHER ANY SUCH WARRANTY, GUARANTY AND/OR REPRESENTATION, WRITTEN OR ORAL, ARISES BY OPERATION OF LAW AND/OR EQUITY AND/OR BY ANY ACT OR OMISSION OF ALLTRADE AND/OR ITS REPRESENTATIVE(S), OR THE BUYER, ARE HEREBY EXPRESSLY EXCLUDED AND DISCLAIMED BY ALLTRADE AND/OR ITS REPRESENTATIVES. PURCHASER KNOWINGLY AND WILLINGLY WAIVES ANY AND ALL SUCH WARRANTIES AND RIGHTS, CLAIMS AND/OR CAUSES OF ACTION ARISING THEREFROM OR BASED THEREON. PURCHASER'S SOLE AND EXCLUSIVE REMEDY IS AS STATED ABOVE.

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## **Limitation Of Liability**

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# **Limitations on Warranty Disclaimers**

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FOR CUSTOMER SERVICE
POUR LE SERVICE APRÉS VENTE
OU DU CONSOMMATEUR
PARA EL SERVICIO
PARA EL CONSUMIDOR

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